

Title (en)
FOOT PEDAL FOR A TROLLING MOTOR ASSEMBLY

Title (de)
FUSSPEDAL FÜR EINE SCHLEPPMOTORANORDNUNG

Title (fr)
PÉDALE POUR ENSEMBLE DE PROPULSEUR ÉLECTRIQUE

Publication
EP 3663888 A1 20200610 (EN)

Application
EP 19213246 A 20191203

Priority
US 201816208944 A 20181204

Abstract (en)
A user input assembly for controlling operation of a trolling motor assembly including a propulsion motor is provided herein. The user input assembly includes a support plate and a foot pedal defining a top surface that is configured to receive a user's foot thereon. The foot pedal is pivotably mounted to the support plate. A deflection sensor is in communication with the foot pedal and is configured to detect an angle of orientation of the foot pedal and output a signal corresponding with the angle of orientation of the foot pedal. The signal is receivable by a controller that is configured to control a direction of the propulsion motor of the trolling motor assembly. A feedback device is coupled with the foot pedal and configured to, in response to pivotal movement of the foot pedal about the first axis, provide a resistance force to the pivotal movement.

IPC 8 full level
G05G 1/30 (2008.04); **B63H 20/00** (2006.01); **B63H 20/12** (2006.01); **G05G 1/445** (2008.04); **G05G 5/03** (2008.04)

CPC (source: EP US)
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B63H 21/21 (2013.01 - US); **G05G 5/03** (2013.01 - EP); **B63H 20/12** (2013.01 - EP); **G05G 1/445** (2013.01 - EP)

Citation (applicant)
US 201715835752 A 20171208

Citation (search report)
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Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (publication)
US 10604222 B1 20200331; AU 2019275521 A1 20200618; AU 2019275521 B2 20210624; AU 2021211981 A1 20210826;
AU 2021211981 B2 20230316; CA 3063565 A1 20200604; CA 3063565 C 20221206; CA 3166114 A1 20200604; EP 3663888 A1 20200610;
US 11130553 B2 20210928; US 2020180743 A1 20200611

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EP 19213246 A 20191203; US 202016792352 A 20200217